



66 Years of DX-cellence

January 2014



*"If you need him get  
in there and work  
him"*

The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

[www.dx-code.org](http://www.dx-code.org)

The newsletter is published every month and is released to its members about the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with the recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the editor, Jerry:

[K6QU@scdxc.org](mailto:K6QU@scdxc.org)

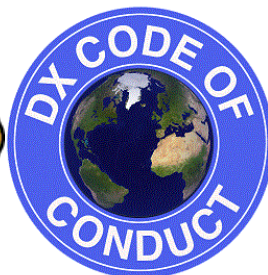
Meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

**W6AM/R145.48,(-) 100Hz PL**



NCDXF Platinum Contributor

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### Next Meeting

**February 13, 2014**

**Dennis Kidder W6DQ**

**The History of the Development of the Modern Communications Receiver - Part I**

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**(Reprinted with permission from Bernie McClenny W3UR)**

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# ANNOUNCEMENTS

## Hear ye! Hear ye!

2014 dues are due no later than January 31<sup>st</sup>. Mel, K6SY assures that those delinquent in paying their dues will receive an email demonstrating the "Wrath of Kahn." Don't let this happen to you. Download the renewal form here: <http://www.scdxc.org/download/membership-app.pdf>. Complete it and mail in your \$18.00 check now, before you forget!

Don't forget to join your fellow club members for dinner before each meeting at CHOICES Restaurant, 15122 Inglewood Avenue in Lawndale. Choices is about a two minute drive from the meeting location at WEMS. Most people arrive around 5:15 - 5:30.



## John G. Troster, W6ISQ SK

Jack Troster, W6ISQ, became a Silent Key on January 11, 2014. His wife of 65 years, Marguerite (KC6NFE), was at his bedside when he passed away.

Jack, along with Vince Chinn K6KQN (now W6EE), Lee Shaklee W6BH (SK), and Don Schliesser K6RV, founded the Northern California DX Foundation in October, 1972. Jack served as an NCDXF Board member for 26 years before stepping down in July, 1998. He was the Foundation's third President, serving from 1975 until 1986.

Jack had an enormous passion for amateur radio. He was first licensed in September, 1935, at age 14, as W2ISQ in Yonkers, New York. He received his W6ISQ callsign when he moved to California shortly after the end of World War II. Among Jack's many radio accomplishments and awards were DXCC #1 Honor Roll on the Mixed, CW and SSB modes; 5B-DXCC; 5B-WAS (Certificate #4); and USA Counties Award (for working all 3,076 USA counties, which he did completely on CW!). Jack was a member of the FOC and the A1 Operators Club; he served as president of both the Northern California DX Club and the Northern California Contest Club; he was a Contributing Editor of QST magazine and was the Pacific Division's representative on the ARRL DX Advisory Committee. He was a director of the Quarter Century Wireless Association and for years wrote the monthly QCWA column published in World Radio News. Jack was named NCDXC's DXer of the Year, and in 1988 he was inducted as the 27th member of the CQ DX Hall of Fame.



As impressive as were all his radio achievements, even more so was Jack himself. He was the consummate gentleman. He was warm and welcoming to everyone he met, and many amateur radio operators today enjoy the hobby as a direct result of his nurturing, encouragement and enthusiasm. Jack was known for his quick wit and encyclopedic knowledge of amateur radio history. His passing leaves a huge void. Amateur radio has lost one of its giants.

Jim, N6TJ



# Thursday, January 9, 2014



The January, 2014 meeting was certainly well-attended!

Thanks, Ernie, for all you did for the club last year as president.



Doug Millar's presentation on Sidewalk EME sparked a lot of questions from the members.



Looks like John must be happy with the results of the Get Schroeder contest!



# January 11, 2014 IDXC Committee meeting



Thirty-four committee members and volunteers attended the Saturday morning meeting at WEMS. Reports by each committee member showed this upcoming IDXC to be exceptionally well-planned, within budget and on-schedule. During the meeting the color of the convention shirt was chosen by vote (a dark blue) and it was decided that 1000 patches and 200 pins would be purchased.





**THE PREZ SEZ**  
**Wayne Spring, W6IRD,**  
**President – SCDXC**  
**[W6IRD@scdxc.org](mailto:W6IRD@scdxc.org)**



The January meeting was a great success with one of the largest number of attendees in quite some time. I hope this trend continues throughout the coming year.

As many of you are aware, we have been troubled by the interpretation of the California rules and regulations regarding the way our raffle is conducted and how the proceeds are handled. The club has hired a tax attorney to give us the correct information. The lawyer has not yet responded with a formal letter informing us of the regulations. With the concurrence of the Board of Directors, I have made the decision to suspend the monthly raffle until such time that we are assured that we are performing in accordance with the rules of the State of California.

I regret this decision, but I must think of the good of the club. There has been a great deal of misinformation bantered about this subject. I am sorry that some individuals chose to misinterpret the board's actions. If any member has any questions about this matter, please feel free to contact me.

Following our January Board meeting, another Convention meeting was held at WEMs. A status report will be given by Mel, K6SY and Carl, WU6C, at our next meeting.

Don't forget our usual celebration for Valentine's Day. Be sure to bring your special sweetheart to the meeting. Hope to see you all there.

Wayne Spring – W6IRD  
President SCDXC .

***73, and Good DXing!***  
***Wayne Spring, W6IRD***

**Treasurer's Report**

Club financial information is available on request. Contact the treasurer.

**Officer Guidelines**

The revised version of the Officers Guidelines is available on our website. See the hyperlink below.

**Code of Conduct**

SCDXC endorses the **DX Code of Conduct**  
See the hyperlink below.



## VICE PRESIDENT'S CORNER

George Jacob, N6VNI  
Vice President – SCDXC  
[N6VNI@scdxc.org](mailto:N6VNI@scdxc.org)

From the VP's Shack

Again I hope everyone had happy and joyous holiday season.

The New Year started off with an outstanding turnout for dinner at Choices restaurant. I took a head count midway through dinner and there were close to 25 members enjoying their dinner. For those of you who have not been to this restaurant for dinner before the club meeting please give it a try. The owner opens the restaurant only for our club members. The food is excellent and the prices are reasonable. The restaurant opens at 5 P.M. The restaurant is located at 15122 Inglewood Ave. Lawndale Ca. Phone number is 1 310 219 0800.

The first meeting of the New Year was held at "WEMS" better known as Mel's Place. The attendance was excellent. We had a packed house. Our guest speaker was Doug Millar K6JEY. His presentation was on sidewalk EME. This was a very interesting presentation, I did not see a closed eye in the house. The next club meeting will be held on February 13<sup>th</sup> at Mel's Place.

This will be our Valentine's Day meeting, so how about bringing your better half with you. Our guest speaker for the evening will be Dennis Kidder W6DQ. His presentation will be on **"The History of the Development of the Modern Communications Receiver - Part I"** This is a two part presentation. Part two will be given later in the year.

There will be a lot of things going on in the area of DX over the next few weeks and months, too many to list here. The attached website will help you find what you may be looking for. <http://ng3k.com/Misc/adxo.html>

This might be a little early to mention, however we all know how time flies by. This year the Southern California DX Club will be hosting the summer bash. If someone feels they would like to host the summer bash would you please contact me or one of the board member, thank you.

I hope to see you all at dinner at Choices restaurant and then at the February 13<sup>th</sup> club meeting.



**73, and Good DXing!**  
**George Jacob, N6VNI**  
**Vice President SCDXC**

### New DXer Resources

**New DXers Handbook**  
[http://www.udxa.org/attachments/148\\_New\\_DXers\\_Handbook.pdf](http://www.udxa.org/attachments/148_New_DXers_Handbook.pdf)





# Editors Editorial

## Jerry Lewine, K6QU, Editor – SCDXC BULLetin [K6QU@scdxc.org](mailto:K6QU@scdxc.org)



Back when dinosaurs roamed the earth and your editor was finishing 10<sup>th</sup> grade, my chemistry teacher made an announcement as class was ending. “As most of you know, I am retiring,” Mr. Shane told our class, “and I want to do something that will make sure you never forget me.” I haven’t and there’s no doubt no one else in that classroom has either. As we all watched, Mr. Shane lit a Bunsen burner, and into a crucible poured some powder from a small jar. Smoke rose from the crucible and started filling the room as Mr. Shane calmly covered his face with a gas mask he had stashed in a desk drawer. The gas that was filling the room was a form of tear gas ([http://en.wikipedia.org/wiki/CS\\_gas](http://en.wikipedia.org/wiki/CS_gas)) and I will never forget the pain in my eyes and stinging of what seemed like every exposed pore on my body - and the mob of screaming and crying students rushing out of the room as the (perfectly timed) bell rang.

Mr. Shane certainly pushed the limits of what he could get away with (God help the teacher who would try a prank like that these days), and certainly pushing the limits is part of human nature and the drive behind exploration and innovation and much more. Where do you push the limits? Have you ever run more than the legal limit of 200 Watts on 30 Meters? I don’t want to know. I’m just askin’.

I should add that I remember Mr. Shane very well. He was a big man with an annoyingly high and whiny voice. I actually went back to see him after school that day and he gave me a little of the CS powder. I ran home from school and set it off in my brother Mike’s room before he got home and closed the door. My brother was not nearly as amused as I was.

Last month I mentioned that I would tell you my involvement in an event that made national headlines while I was a young electrical engineering student at the University of Pittsburgh. Should I have been studying for finals that night instead of walking over to the Swan 350 my roommate Paul Heller, now W3PH, and I shared? Of course the answer is “yes.” I closed my books and headed to my favorite DX hangout, the bottom end of 20 CW. The band was dead except for one very weak signal just above the band edge.

Was I really hearing an SOS? I thought that only happens in movies. The signal was weak and the op kept repeating his message. It took a couple minutes for me to copy everything; the name of the ship, his position, and his predicament; a fire and listing at 35 degrees. I called a friend at the University club station W3YI who confirmed what I had copied. My call to the local Coast Guard resulted in a call to the San Diego Coast Guard which contacted the Navy. Thankfully, the Navy had a cutter in the vicinity (some 650 miles west of Baja California) and was able to offload the 35 people from the North Queen, a Greek freighter loaded with burning cotton before the ship sank. I later learned that the ship’s radio room had gone up in flames and the SOS was from the ham on board. Unfortunately I never did learn his call.

While this could never happen today with the massive changes in communications systems, the magic of ham radio continues to happen every day and hopefully in some form, always will.

Have a wonderful month and work a couple new ones! Next month: The joy of non-competitive DX’ing.

73,  
Jerry, K6QU

[DX Code of Conduct](http://www.dx-code.org/)

<http://www.dx-code.org/>



# Tidbits

Tidbit: *noun* \ˈtid-,bit\

1: a choice morsel of food

2: a choice or pleasing bit (as of information)



The ARRL Centennial "[W1AW WAS](#)" operations taking place throughout 2014 from each of the 50 states relocated at 0000 UTC, January 15, to Nebraska (W1AW/O) and Delaware (W1AW/3). During 2014 W1AW will be on the air from every state (at least twice) and most US territories, and it will be easy to work all states solely by contacting W1AW portable operations.

In conjunction with the 100th anniversary of the ARRL, the [ARRL Centennial QSO Party](#) kicked off January 1 for a year-long operating event in which participants can accumulate points and win awards. The event is open to all, although only ARRL members and appointees, elected officials, HQ staff and W1AW are worth ARRL Centennial QSO Party [points](#). Working W1AW/x from each state is worth 5 points per contact. To earn the "Worked all States with W1AW Award," work W1AW operating portable from all 50 states. (Working W1AW or W100AW in Connecticut does *not* count for Connecticut, however. For award credit, participants must work W1AW/1 in Connecticut.) A W1AW WAS certificate and plaque will be available (pricing not yet available).

## Amateur Radio Showing Steady Growth In the US:

The Amateur Radio population in the US continues to show steady growth, according to statistics <http://www.ah0a.org/AH0A.html> compiled by Joe Speroni, AH0A. As of the end of 2013, the FCC database showed 717,201 licenses <http://www.ah0a.org/FCC/Licenses.html> in its Universal Licensing System (ULS <http://wireless.fcc.gov/uls/index.htm?job=home>). That's the greatest number of US hams ever, and it's up from 709,575 in December 2012. The volume <http://www.ah0a.org/FCC/Volume.html> of Amateur Radio applications slowed somewhat to 141,943 from its zenith of 176,826 in 2007, the year the FCC dropped the Morse code requirement. "The three current license classes also peaked at the end of 2013," notes ARRL VEC <http://www.arrl.org/volunteer-examiners> Manager Maria Somma, AB1FM. "FCC-issued club station licenses are also at an all-time high in the FCC database at 11,363. The number of new licensees has increased by 7 percent over last year -- 28,886 in 2013 and 27,082 in 2012."

The breakdown by license class shows Technicians as the largest group, at 349,163, followed by Generals at 167,257, Amateur Extras at 133,391, and Advanced licensees at 54,293. Slightly more than 13,000 Novice licensees remain on record too. The FCC no longer issues the Novice or Advanced class license. Technician numbers have grown by 8.2 percent over the past decade, with an impressive comeback since 2007 after the population had plummeted from a peak of 338,334 in March 2000. The General class population has risen by slightly more than 18 percent over the past 10 years. But the Amateur Extra class has shown the most remarkable growth over the past decade, climbing by slightly more than 27 percent.

While Amateur Radio application volume slipped somewhat overall, that was not the case at the ARRL VEC. "ARRL VEC served 34,896 exam applicants in 2013, up slightly from 32,866 in 2012," Somma said. "July will mark 30 years that ARRL VEC has been certified by the FCC to administer Amateur Radio exams. We're delighted to celebrate our important milestone in the same year as the ARRL's Centennial <http://www.arrl.org/centennial> celebration and look forward to the promise of another record year."

**Source:**

The ARRL Letter

**TV news report on the internet from 1981:** <http://www.wimp.com/theinternet/>



# Rich Bongiorno, W6VX



Rich Bongiorno was born “in Idaho, Potato, the son of an Italian sharecropper who later became an engineer on the Underground Railroad” and was raised in Chicago. His first introduction to radio was seeing a 6 meter halo on a car when he was “six or seven.” While a self-described “normal” kid would have hardly even noticed, Rich said (probably out loud) “wow that’s really cool!” and in 1963 he became an early CB’er. “All the other CB’ers had ground planes and ran five watts. “I had a three-element yagi and ran 100 watts!” exclaimed Rich. One day while mobile, he worked into South America on 11 meters from his mobile. That’s when Rich realized he needed to become a ham.

In 1979 Rich passed the novice exam and received his first call sign KA9GDI. You can guess the phonetics he used for the suffix.



Rich is an accomplished bass player but realized after six years of being associated with rock and roll bands that he wouldn’t make it as a rock and roll star and eventually went to work operating a Chicago sewer treatment plant, or as he called it when I spoke with him, “a chocolate candy factory.” It was there that he studied, eventually passing the Amateur Extra exam in 1981 and received the call sign KD9V. As you’d expect, the phonetics he used were totally Rich: “Korn Dog 9 Victor.”

In 1982 Rich and his XYL Pat (now W6VXN) moved to Los Angeles after spending an introductory six weeks here working with a friend. DX’ing from their apartment was tough and Rich would instead do mobile DX’ing from the top of Mulholland Drive.

With a degree in Business Management, and “tired of turning wrenches,” Rich eventually became a “suit” at the Los Angeles DWP as a Utility Marketing Representative. He knew he could get the office job. “With a name like mine you can get any job you want.”



W6VX needs North Korea and Mount Athos both on CW, “and my DX life will be complete.”



## How I started collecting 1923 to 1924 Atwater Kent Breadboard Radio Receivers, by Arnie WB6PJC

It all started in 1972 when I visited a local swap meet. I found a breadboard radio receiver that someone had cut  $\frac{1}{4}$  of the board off, leaving  $\frac{3}{4}$  of the board with what was left of its' components still mounted on the board. The price was only

\$20 so I purchased it thinking it would be a fun restoration project. Little did I know that the missing components were as difficult to find as Hen's Teeth! Over the many years that I have been involved in the hobby of locating, fixing and collecting these radio receivers, I acquired another 12 of these radio sets. Eventually, I thinned my collection down to the 7 sets that I still have. Each acquisition was a different story. And I enjoyed the hunt for each and every one of them. These two stories are my favorites.

I received a phone call from a local tube collector, wanting to know if I had any rare vacuum tubes. I told him yes and he said how many do you have? I said between 1 and 5 thousand. He asked, if he could come over to look at them and possibly trade me his Atwater Kent Breadboard parts. I said sure! He spent all day looking through my early vacuum tube collection and made a pile of 50 of my most desirable vacuum tubes. Then he said, "Ok, how about an even trade?" I could not believe what he just said and I replied "sure". As it turned out, he traded me all the components needed to complete an Atwater Kent Radiodyne Set, except the African Mahogany wood board. After the trade was finalized, I then contacted a collector friend of mine, who lives in Maryland and told him of my good fortune. He told me that he had just acquired an early Radiodyne board without any components on it. I asked if he would sell it to me and he said "yes". That is how I was able to obtain one of my most desirable Atwater Kent Radiodyne breadboard Radio Receivers.



After several decades of finding, restoring and collecting other Atwater Kent Model 10 Breadboard Radios, I never thought I would be able to acquire another rare set. However, while looking through the Craigslist for each city in California, I spotted a for sale ad for a model 10 Atwater Kent Breadboard Radio. The photo in the ad looked like my Radiodyne set. I phoned the seller and asked him if the word Radiodyne was stamped on each of the three RF coils and he said "yes!" I asked if he would commit to selling it to me and I would travel to San Diego on the weekend to pay him and pick up the set. He agreed. I then needed to convince my wife that we could spend a weekend vacation in San Diego and do all the tourist things. She agreed and the rest is history. Here is a photo is my San Diego purchase, after a light restoration

and replacement of the 3 tube TA unit rheostat. Before and after. Yes, it works!



I would appreciate if each of the members of SCDXC would look through their junk boxes and see if you have any parts that look similar to the parts that are mounted on the above Atwater Kent Breadboard Radio.

Thanks and 73! Arnie, WB6PJC





## Special Edition – 2013 DXCC Year End Review – by Joe Reisert, W1JR - January 11, 2014

### An Overview:

The excitement continues. DX wise, 2013 was a good year. Radio propagation was up and down, especially on the upper HF bands, although not always to the expected level. There were approximately 286 DXCC entities activated, several fewer than in the last few years. There were well over one hundred small (1 or 2 operators) and over twenty five (25) large scale DXpeditions, many from rare entities that took advantage of the better conditions. They were often available to “The Deserving” on all modes and all bands from 10 through 160 meters, some even on 6 meters. Activity from the Caribbean Islands was still very high especially from the four new 2010 PJ entities.

### A Quick Review of 2013:

DX activity was still high this year. The DXCC Challenge, CQ Magazine DX and the IOTA Marathons activity probably increased due to better propagation. There were over 400 different contests that took place during the year with many DX oriented. There were several DXpeditions from places that are high on the “2012 Worldwide Most Wanted Survey” in “The DX Magazine” by N4AA although only one, ZS8M, was in the Top 10. Operations also took place from SV/A and KH9, which were in the “Top 20.” The “2013 DX Magazine 100 Worldwide Most Wanted List” shows that the new top 10 in order are P5, KP1, 3Y/B, FT5W, FT5Z, VK0H, BS7H, ZS8M, VP8 (S. Sandwich), and FR/T. By comparison, the Club Log top 10 in order are KP1, P5, 3Y/B, VP8 (S. Sandwich), FT5W, VK0H, FT5Z, KH5K, FR/T and FR/E/J.



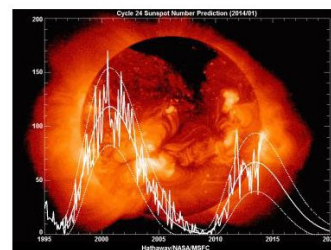
Members of the K9Wake Island DXpedition made just over 100K QSOs.

Unfortunately as frequently happens, several DXpeditions such as VK0/H were delayed (hopefully only into late 2014 or early 2015). Others were delayed because of Government transportation problems (K9W), cancelled due to logistical problems (T31), were shortened due equipment delays (T2GM), storms and Tsunamis (H40 & H44IOTA), accidental death (DL4JJ (SK) at T2YY), terrorism (Z81D) or were thwarted from operating for one reason or another. **This vividly shows some of the problems in putting on a rare entity.** Most entities activated in 2013 were available on SSB. CW still did not die as there were about 270 entities active on CW during 2013. The “599 TU” QSOs on CW or “59 thank you” on SSB are still very popular especially with DXpeditions although it is evident that some operators are advocating a return to the days when signal reports meant something! Computer sending and receiving were very evident as well as many DXers using the DX Clusters and Reverse Beacon Network. RTTY (now called “Digital” by ARRL) was also used by most large DXpeditions.

### A Solar Review:

We are now well into Solar Cycle 24 although it has been like a roller coaster. Now it looks like there will be a double peak as was seen in Solar Cycle 23. Some of the computer models of late are now undergoing modifications. It looks like Solar Cycle 24 will **NOT** be a memorable one with record numbers of sunspots. The computer models from NASA (<http://solarscience.msfc.nasa.gov/predict.shtml>) are now predicting this solar cycle peaked in late 2013 with only 72 smoothed sunspots. Based on the latest data, this will be the smallest solar cycle peak since Solar Cycle 14 peaked in February 1906 well before DXing began! Predictions for future Solar Cycle 25 etc. look even bleaker.

Solar flux (SF) is a good indicator of improved propagation on 10 through 15 meters. SF did stay mostly above 100 for the entire year 2013 with only a few short dips into the 90s. SF was very high (174) at the start of 2013 but rapidly declined staying mostly below 150 until late October just in time for the CQWW DX Phone Contest. SF peaked at 178 in mid-November. Aurora was often evident when the K index rose to 5 or above. The most affected stations were at high latitudes. NOAA has the “Stereo Satellites” looking at the Sun from the front and back so now sunspots can be easily spotted ahead of time on the internet by interested parties.



We are now in the second peak of Cycle 24.

### **Band by Band Activity:**

There was plenty of DX activity in 2013 including over 25 major DXpeditions that spread activity out from 160 through 10 meters. 160 Meters is still generating LF DX activity especially by DXpeditions usually operating between 1810 and 1830 KHz but conditions seemed poorer than prior years. 80 Meters is often quiet except during DXpeditions and contests. 80 Meter DXpeditions on CW often operate at either the low end of the band or near 3525 KHz. Several more entities have received permission to operate on 60 Meters. Since the FCC relaxed mode requirements, CW and digital activity are being used in the established fixed channels. Some of the DX entities outside the USA have different channels making it sometimes difficult to work them. New entities are now getting permission to operate on 60 meters. Congratulations to Bob, W4DR who completed working 60 Meter DXCC, the first from the USA, with others not far behind.

40 Meters is still the night time breadwinner and was great all year round as usual. DXpeditions used to operate CW near the bottom of the band but nowadays many opt to operate near 7025 KHz to reduce QRM. The expansion of 40 meter SSB from 7100 to at least 7200 KHz for many of the Worlds entities has generated lots more activity, especially during SSB contests. Remember that USA stations can't operate SSB below 7125 KHz. For safety stay above 7128 KHz. 30 meters is very popular, especially for QRP and digital modes and is sometimes open 24 hours a day during the darker months. 20 Meters is still the daytime breadwinner along with 17 meters where there seems to be less congestion. 15 meter conditions have greatly improved and sharing some of the load when the solar flux rises. During this past year 12 and 10 meters really came alive with worldwide DX especially when the SF was above 150 although not like what was experienced during the peak of solar cycle 23. Despite this, it was easy to work over 200 entities on 10 meters during 2013. Some isolated F2 and Transequatorial propagation DX was present on 6 meters especially around the equinox periods but less than in Solar Cycle 23. Sporadic E propagation especially during June, July, early August and December often enhances HF and 6 meter DX but this was not due to increased sunspots.

### **Equipment and Publications:**

As usual, some new equipment came on the market. The five major radio manufacturers all introduced new transceivers and peripherals. New receiving arrays became available for the Low Bands. HiZ is back in operation after they reached an agreement with DX Engineering. SDR (Software Defined Radios) also increased with more features. In addition, some do-it-yourself low cost SDR kits became available. More QRP kits and rigs are now available. New antennas were introduced, especially compact multiband verticals and Yagis. It was just announced that InnovaAntennas has acquired Force 12 antennas and will be manufacturing same their Junction, CO location.

### **Ham Radio and the Internet:**

The Amateur Radio sites, DX clusters and of course emails etc. on the internet are really supplying lots of good services. Most major contest logs and some awards now must be submitted via the Internet often within several days after the contest is over. Internet use and abuse by Amateurs continues to increase especially for DX spotting clusters. The DX clusters are still an amazing tool for finding and spotting rare DX. One popular one is “DX Summit.” Reverse Beacon Networks which use CW skimmers are now being widely used and rarer spots uploaded to the DX Clusters.

There are several downsides to using the cluster. All too often incorrect or extremely rare call signs (not on the air at the time!) are spotted. Another cluster annoyance is using the clusters for self-spotting or to boast about a QSO or a



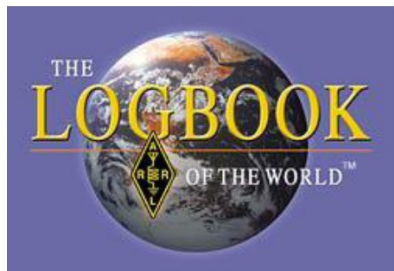
QSL being received. No one really cares and sending thanks to a station that probably isn't on the cluster is an annoying waste of time and space. Repeated spots of the same station are also not productive. First check to see whether a spot was previously made before repeating same. A rare call sign can cause a huge pileup that may even cover up the DX station. Always listen before you call to be sure it is the right station and especially if there are special instructions such as listening UP. In these days of seldom signing both call signs, never rely solely on the accuracy of the spot as you may receive a NIL (Not in Log) to your QSL request. During 2013, especially in November I often heard two or more DXpeditions operating simultaneously on or near the same frequency and often pileups coincided or overlapped. Also don't post QSY requests. Few DX stations notice and in the case of DXpeditions, they seldom are continuously connected to the internet so they usually don't see your request.

### **QSLing:**

There is no denying that the cost of QSLing is becoming too expensive. The European postage rates have greatly risen and on January 26, 2014 postage rates in the USA will increase about 4.3% for both domestic (\$.49) and foreign (\$1.15). IRCs are costly, seldom available (USA discontinuing same) and often can't be redeemed. The ARRL outgoing QSL Bureau or the QSL bureaus in many entities can lower QSLing cost. The ARRL Outgoing QSL bureau shipped approximately 775,000 QSLs during 2013, an increase of about 6% over 2012. I prefer paper QSLs since they may be needed for awards other than DXCC but I realize that I am now in the minority

To further offset QSLing cost, the ARRL LOTW (Log Book of the World) is extremely popular. The DXCC has been the prime user but other awards are being added. There are now over 540 million LOTW QSO records, an increase of 16% over 2012 and over 61,000 registered LOTW users, a 13% increase over 2012 with almost 93,000 active certificates!

There were extensive LOTW delays back in 2012. Recently version 2.0 of LOTW was released, the first major new client side software in a long time. Volunteer programmers Robert, KC2YWE, Rick, K1MU and Dave, AA6YQ have been instrumental in helping to produce this new version in concert with ARRL IT Manager Mike, K1MK. LOTW use continues to rise and doesn't look to level off for many years. The updated software seems to be working well and faster. Contesters are often uploading their logs immediately after contests. CQWW logs are routinely seeing match rates near 50%. Most DXpeditions now use LOTW.



Partially as a result of LOTW, expensive DXpeditions (costing over \$100,000!) are experiencing difficulties raising the necessary funds for transportation etc. It now can cost between \$10,000 and \$25,000 per person to participate and travel to the more difficult places for rare DX entities. The estimated cost per QSO from the upcoming VK0EK Heard Island is \$5.00! The cost of DXpeditions was highlighted in a detailed presentation by N1DG at the Dayton HamVention on "DXpedition Costs." It is very enlightening and can be viewed on the NCDXF website ([www.NCDXF.org](http://www.NCDXF.org)). K4UEE has written a follow-up article pointing out that for the FT5ZM operation based on 100,000 QSOs and time on the air the costs are about \$20.00 per minute of operating and about \$4.00 for each QSO (<http://www.amsterdamdx.org/ft5zm-20-00-per-minute-on-the-air/>). This also shows why contributions with QSLs, however small, plus donations from clubs and DX foundations are necessary to offset cost and make these rare entities available.

One very popular QSLing trend is the OQRS procedure where for a donation no QSL is needed. Club Log ([clublog.org](http://clublog.org)) is very popular with many DXpeditions uploading their logs in short order and has streamlined the OQRS by making it available on their website.

### **Operating techniques:**

Change happens, sometimes for the better and sometime for the worse. Some new modes of communications have appeared on HF. The JT65 digital mode similar to operation used on VHF is now being widely used on HF even on 160 meters. K1JT has recently announced an improved system for HF on his WSJT website. Split frequency operation, especially by DXpeditions should be standard practice but has its own problems. Often calling stations are

not aware of the split and QRM the DX. During several of the major DXpeditions I carefully monitored the DX station frequency. Often someone would hear this relatively clean frequency, jump right in, hear the DX station giving reports, imagined that they had a QSO and with impeccable timing would hear the DX station say TU and think they had a valid QSO! It goes without saying that if you aren't copying the DX station well enough to properly identify the station or aren't aware of what technique is being used by the DX station, **DON'T CALL!** There is a good reason to check internet logs if they are posted rather than receiving back a NIL (Not in log) reply to your QSL request. This doesn't mean that we should call continuously and later check the internet hoping to see if your call sign is in the log!

Also, there are the usual problems with "frequency policeman". If you can't refrain from saying something to the interfering stations, drop in a SHORT reminder like "UP UP." Sending or saying a long string of UP UP UP UP UP or Hi Hi, **acting like a policeman or calling a station a lid often does more harm than good and often QRMs the DX station.** Of course, obscenities are NEVER appropriate. Steady tuning up especially on top of a DX station is still a big problem. I was QRMed on dozens of QSOs in 2013 due to tuning and QRM. Also many start calling the DX station before the last QSO is completed causing more confusion.

Another problem is directional calls and partial calls with too many responding that are not from the area or call sign in question. This holds up DX, creates delays and deprives others of a QSO. DXpeditions also have other problems. Many of the recent ones on CW are transmitting at 30 to even 40 WPM. Some operators just can't copy their call sign that fast. **Some of the problems maybe the limitations of code readers especially for newer operators.** Also DXpeditions often create excessively wide pileups. This causes unnecessary QRM and disrupts stations who are not in the pileup. Finally some DXpedition operators insist on sending DUPE, which seems to be a waste of time since it would be easier to just have a quick QSO and move on. Perhaps this happens when a station calling a DXpedition is not sure of a prior QSO due to QRM etc. A more recent problem is the "Leader Board" on Club Log. It is great but causes stations to want to work every possible band/mode at the expense of less equipped stations trying just for a new entity. This is not a fault of Club Log!

Also, try not to rag chew on frequencies frequented by rare DX such as 3.795, 14.195, 21.295 and 28.495 MHz as well as 14.260 and 21.260 MHz for IOTA. These are just a few frequencies that come to mind. You may not hear the DX station but transmitting on those frequencies will make it difficult for others that are experiencing better propagation than you are.

Space does not permit more info on operating but the following references are highly recommended reading. First see "The DX Code of Conduct (for DXers), The DX Code of Conduct (for DXpeditions) ([dx-code.org](http://dx-code.org)) and "Best Practices for DXpedition Operating" by DX University ([www.dxuniversity.com](http://www.dxuniversity.com)). Let's hope that operators and DXpeditions will adopt these recommended procedures.



#### **Pirates and Unauthorized Operations:**

2013 seems to have had less pirate operations than usual using existing or unlicensed call signs. There are still those who post rare calls to thank people for QSLs after the operation is over. This is totally un-necessary and often a form of boasting. Furthermore, much confusion comes when people spot rare call signs for test purposes or copy call signs incorrectly and put them out on the DX Cluster. Many of the incorrect spots are due to copying the call sign incorrectly such as 5A1A from HA5A and EZ1A for E71A. If you see a rare call sign spotted, first check to see if it is a busted call. Of course sending a QSL to a pirated call sign is a waste of time and money. By the way, Z6 operations do not count for Kosovo for DXCC credit at this time

#### **Silent Keys (SK):**

The age of DX Honor Roll leaders is increasing and with Amateur Radio in general. The July 2013 QST Magazine SKs (pages 104-105) list was over 1-1/2 pages long with over 350 call signs! It is sad to note that several well-known Amateurs became SK during 2013 and deserve to be mentioned. Many were well known DXers who were near the top of the DX Honor Roll such as W7KH (Top of the list) and W9JUV. Other DXers included but not limited to 5Z4FM, ex AC4RF, EX8A, HB9RS (founder of 4U1UN), IK4MRH, K4SMX, ex KC6JC, LU1DZ, VE1AL, VK6HD,



VR6TC/VP6TC, W6BH, XE1L, XE1YK, and ZC4LI to mention a few. Other notable SKs included G3VA (RSGB), K6NY (Palomar Electronics and "Kurt Sterba" in Worldradio), W1NJM (ARRL), W2NSD (CQ and 73), and WJ0G (Storm Chaser). This means that we Amateurs have to be more active to recruit new members especially youth to our hobby. Kids Day and YOTA (Youth On The Air in Europe) are good examples.

### **2013 DXCC Changes:**

The DXCC active entity list still stands at 340. If you add the 61 deleted entities, the DXCC total is still 401 entities. It is doubtful that anyone can achieve 400 entities for some time since all of the top leaders missed at least 6-8 of the deleted entities. Therefore, until more entities are added, 400 will be an elusive number. Kosovo is still a possible new entity but the Z6 operations, although being used for Kosovo (Z6 is for ICAO use only), is not an ITU sanctioned prefix for Amateur Radio and therefore does not count for DXCC at this time. Some entity call signs changed such as ZK3, which is now E6. The DXCC Yearbook, usually published in August, is no longer available in hard copy but can be accessed on the internet for download from ARRL.



**In mid-December 50 engineering students from Kosovo passed their Amateur Radio exam.**

### **Future DXpeditions:**

Several large scale DXpeditions from rare entities are scheduled for 2014 starting with 1A0KM in the first week of January followed by FT5ZM, S9TF, 3C and 3C0. VK9M is due in late March and FR/T in late October. Others may be in the works. ZS8C and ZS8Z are still active but mostly on SSB. SV2ASP/A lost his antenna in a recent storm (as did OH8X). Hopefully they will be repaired soon. Still no news on KP1, Navassa but I'm sure that it will eventually be activated. There are several groups working on putting P5 on the air. The Daily DX has a list of proposed operations on their site at: <http://www.dailydx.com/calendar.html>.

### **The 2013 DX Review:**

The following is a brief summary of monthly DX activity during 2013. Emphasis is on rare to semi-rare operations and DXpeditions especially where no resident Amateurs are active.

#### **January**

There was lots of activity as 2013 started. Conditions were great in early January but degraded during the month with solar flux down to 95 by the end of the month. It was possible to work over 100 DXCC entities in the first few days of January and over 200 entities in the month. There were approximately 235 entities available in January, slightly above normal.

As January started, JX9JKA and H40FN were still active. Also active were 3B9, 9X, FH, HH, J5, PY0F, TT8, TY, TZ, VK9L, VK9N, XV, XW, and ZK3 to mention a few. At times there were so many semi-rare stations active at the same time that they unintentionally QRMed each other.

#### **February**

The solar flux was much lower than in January. Conditions were still good. Several of the DXpeditions that were activated in January were still active. In addition to the above, semi-rare activity was provided by 3B9, 3D2/R, 5V7, 6O3A, 5X8C (81K), 9U, H4, HK0/A, J5, JG8NQJ/JD1 (MT), S01MZ, S7, SV2ASP/A (mostly RTTY), XT, and ZK3.

#### **March**

The month started off with TX5K (Clipperton, 113K). Other notables were 3XY, 9M4SLL (Spratly), C2, E6 (mostly VHF), H40, S2, T2, T5, XR0Y (24K), and Z81.

#### **April**

The month opened with VK9CZ (C/K), followed by 5U, 9N, A2, A5, T2, VK9L, and ZK3.

### May

May celebrated the 75<sup>th</sup> anniversary of the FOC (First Class Operators Club). Over 60 stations with FOC in their suffix made over 200K QSOs. Also active were FO/A, FO/M, HC8, SV2/A, VK9N, VU7KV (2K), YJ, and ZS8Z.

### June/July/August/September

These are usually the slower months DX wise. Activity came on from 5A1AL, 6O0LA, C21, E4, FO/A, FO/M, OJ0, VK9L and XZ1Z (by JH1AJT) which was a big surprise.

### October

DX activity really picked up and so did the solar flux just prior to the CQ WW Phone Contest making this a very memorable month on the upper bands. 7O2A surprised us all followed by 3D2/R, 9L, C82DX (26K), CY0P (24K), FO/A, FW, TN, TO2TT (FH-64K), Z2 and ZS8Z.



The VU7AG DXpedition to the Lakshadweep Islands for 20 days by VU2NKS, VU2NXM, VU2PAI, VU3DMP, VU2RCT, VU2ABS and W4VKU/VU2VKU.

### November

This month will be long remembered as it was crunch time with so many DXpeditions on at the same time. QRM was fierce but to the Deserving it was a great month. Activity started with the long delayed K9W from Wake Island making over 100K QSOs. Also active were 5V, E6, HK0/A, KH8, S21ZBC (52K), T30, T32, T33A (82K), VU7AG (55K), XR0ZR (59K), XT, XR0YY, XZ1J, and Z81X (41K).

### December

Conditions were still fair. 9L, E6RQ, T30TS, T32RC, and TT8ES were active as well as great openings to

3W1T on 10 meters. OF9X gave out over 21K Santa QSOs from Lapland, otherwise known as Santa Claus Land.

### And now the Drum Roll:

These are approximately fifty four (54) entities that were NOT believed to have been active during 2013 as follows: Africa (14): 3B6, 3C, 3C0, 3Y/B, D6, E3, FT#E/J, FT#G, FT#T, FT#W, FT#X, FT#Z, S9, and VK0/H.

Antarctica (1): 3Y0 (Peter 1).

Asia (6): BS7H, BV9P, EZ, P5, VU4, and YK.

Europe (1): 1A0

North America (7): 4U (UN), CY9, KP1, KP5, TI9, XF4 and YV0.

Oceania (18): 3D2/C, 4W, FK/C, KH1, KH3, KH4, KH5, KH5K, KH7K, KH8/S, T31, VK0/M, VK9/M, VK9/W, VK9/X, VP6/D, ZL8 and ZL9.

South America (7): CE0/X, HK0/M, PY0/S&P, PY0/T, VP8/SG, VP8O and VP8/S. Sandwich.

Please note that some rare entities may not be on this list for 2013 because some operations were short or on VHF. An example is VP6MW.

A list of DXCC entities that are believed to have not been activated in ten or more years are: BV9P, CE0X, E3, FR5/T, FT5/Z, KH1, KH3, KH5K, KP1, P5, VK0/H and VP8 (S. Sandwich). This shows that an avid DXer working hard at DXCC may take at least 10 years to make the DXCC Honor Roll. This list also serves as a guide to those planning DXpeditions to rare entities. As for me, the top of my need list for the DX Challenge has not changed and not surprisingly goes to P5, BS7H and FT5/W in that order.



### **Looking ahead to 2014:**

Solar Cycle 24 sunspots will be ever so slowly decreasing although sporadically. This will affect propagation on the higher HF bands, especially 12 and 10 meter. Look for the solar flux to go above 100 with low A (<20) and K (<3) indices. Solar wind below 350 KM per second and dynamic pressure less than 0.5 nPa as show on NOAA Space Weather ([www.swpc.noaa.gov](http://www.swpc.noaa.gov)) are good indicators of improved HF propagation.

January is usually a good month for Low Frequency operation. With more sunspots the higher bands should be good during daylight. Some information is now becoming available on forthcoming DXpeditions. For starters 1A0KM is scheduled in early January, followed by FT5/Z in and VK9M in late March with more DXpeditions to follow later in the year. Check out the Daily DX Calendar as mentioned above.

DX means many different things to many people. Some DXers are only interested in the ARRL DXCC Honor Roll and soon run out of interest and challenges. Others pursue the never ending ARRL Challenge competition. EA8AK is now in the lead at 3221. This award includes all the bands from 160-6 meters. 6 meters is a tough band for stations outside of Europe. Over 50 stations in Europe have worked over 200 entities on 6 meters while 185 entities is the maximum for USA with only 15 above 150! Hence the Europeans will probably dominate the top of the DXCC Challenge award for the foreseeable future.



**EA8AK, Fernando Fernandez Martin, is now the leader of the ARRL DXCC Challenge with an amazing 3221 confirmed.**

WRTC will be held in early July with over 50 low power stations operated by noted operators from all over the world assembled in Massachusetts. N7NG promises more DX University sessions ([www.dxuniversity.com](http://www.dxuniversity.com)) with one scheduled during the ARRL 100<sup>th</sup> anniversary celebration in Hartford, CT in mid-July. This is a DX training course similar in concept to Contest University. CTU will again be available prior at the Dayton HamVention. Also don't forget to support the various DX Foundations around the world that help make DXpeditions possible!

Some DXers also like to chase Islands for the IOTA (Islands on the Air) program by the RSGB. There are approximately 1200 IOTA Island Groups and many have never been activated so there are lots of challenges. For the last several years, CQ Magazine has reinstituted the yearly CQ DX Marathon to see who can work the most entities in each calendar year. This program has a few more challenges by also adding seven (7) entities recognized only by CQ Magazine but not on the ARRL DXCC list as well as working all 40 zones. And there are the never ending DX Contests. There are lots of things to do. Don't let the airways die for lack of activity. Conditions have really improved lately. Stay active and join the fun.

### **Finally**

There was so much news in 2013 that I can't possibly fit it all in. Once again I am honored to be asked by Bernie, W3UR to write this review and for his valuable inputs and critique. Congratulations to the stations that worked over 275 DXCC entities during 2013. Thanks also to John, K9EL, Don, N8DE, Dave, NN1N and Wayne, N7NG for their valuable inputs and to my son Jim, AD1C for all his computer help!

**NOTE:** Obviously all the opinions etc. expressed are solely mine as are any errors (I hope there aren't many) that I have made. **This write up is copyrighted.** Therefore copies or use of this review **MUST** first be approved by Bernie and then a courtesy copy of the reprint sent to W1JR. Best of DX to you in 2014 and here's hoping to see you in the pile ups. Joe Reisert, W1JR



## CONTESTS

John Schroeder, N6QQ,  
Director – Southern California DX Club  
[n6qq@scdxc.org](mailto:n6qq@scdxc.org)

### February 2014 Contests

10-10 international Winter Contest SSB - Feb 1-2

Do not need a 10-10 number to give out points.

Mexico RTTY international Contest - Feb 1-2

Good starter contest for RTTY.

CQ WW RTTY WPX Contest - Feb 8-9

Should be able to work an easy 50 countries on RTTY

ARRL International DX Contest- CW Feb 15-16

160 Meter Contest SSB - Feb 21-23

North American QSO Party (NAQP) RTTY - Feb 22-23

Mostly Stateside - Easy to work WAS on RTTY in one weekend.

Lots of activity in February

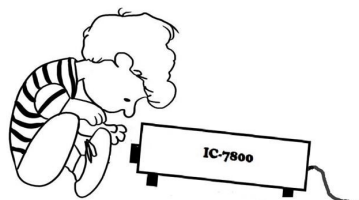
For stateside Contests, go to this site: <http://www.hornucopia.com/contestcal/contestcal.html>

73 John -- N6QQ

ARRL and CQ awards QSL checker

<http://www.qrz.com/db/N6QQ>





Get Schroeder!

## LET'S GET SCHROEDER CONTEST

The final tally for the Get Schroeder Contest is in. Yes, one person met John's entity count and, by this year's rules, has surpassed John. In fact both Dennis and Rick, W6ENZ kept John on his game. Way to go guys. You accomplished the mission. John will now have get up earlier and stay up later to keep ahead of the 2014 pack.

The total number of entities worked this year from the club members is 281. The top two missed 13 entities each and those rounding out the top 10 were missed between 26 to 81 ! In other newsletters the total entities worked from the US was estimated at 286. That indicates that we are not too far behind the East Coast big guns who have an easier shot to many of the rarer places.

If you count 12 members broke the 200 mark and 23 worked 100 and above. Considering how many members are really out hitting it hard that number is pretty impressive. Are you on ClubLog? This year's competition again will be mostly be taken from ClubLog. If you do not have an electronic log then can still fill out the EXCEL spreadsheet for 2014 and submit it monthly.

Honorable mention should go to the two YLs in the mix. Linda, KD6HYN edged out Beckie, KK6FJQ by 18 entities. Both their submissions were phone only! Furthermore Beckie's submission was 10 meter technician band phone only!! If you caught the fall opening then you may have worked as many as Gary, WB6PSY, did on 10 meters. Yep... Gary with his barefoot FT101 submitted a whopping 184 entities on 10 phone only. All three of these participants were fairly handicapped yet I am sure they had a blast. None ran high power and only one had an antenna over 40 feet in the air. That said there is no excuse for a member with a small station. This is a fun contest. We are not going for recognition. It is to keep the Schroedman on his toes! We should all applaud the top runners. John even has to admit the challenge improved his game. Maybe next year someone else will take pole position and make John really stretch to keep up!

Another person of interest is Jonathan, KT6LA. He had the largest increase in entities in a reporting period. He really took this challenge to heart and I am sure he increased his country count significantly!

Congratulations to all and from the 2014 charts you can see that we are off and running again this year. Jump in and join the fun!

Get Schroeder Standings 12/09/2013		
Call	Alone	+ QQ
<b>Combined</b>	<b>281</b>	<b>15</b>
<b>NS6C</b>	<b>268</b>	<b>270</b>
<b>N6QQ</b>	<b>268</b>	<b>268</b>
W6ENZ	255	263
N6RV	240	260
WA5VGI	248	258
K6FG	210	258
WB6BFG	246	257
K6YUI	200	251
W8DX	225	249
N6HY	215	248
AC6DX	215	247
W6DR	202	247
N6VNI	211	244
ZL3TE	182	242
KR6C	194	241
WB6PSY	184	240
N6GP	173	240
K0OK	188	239
K7MY	157	237
KT6LA	164	234
KD6HYN	118	234
KK6FJQ	109	233
N6MXU	100	233
KM6HB	96	232
NK6A	139	231
N6WIN	126	227

# ClubLog 2013 Standings

Here is the year end listing of the operators who have associated themselves with SCDXC. Note that there are some who are not members and are not recognized for the award on the previous page. This could be rectified if someone took oversight of the list for SCDXC. Anyone Interested?

13-Jan	2013 ClubLog Ranking														
Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC	Slots	Yrs
1	N6QQ	27	30	0	173	131	241	221	234	166	196	7	268	1426	57
2	NS6C	7	50	0	103	109	220	172	142	184	154	5	268	1146	47
3	W6ENZ	2	86	0	101	119	167	168	111	166	137	5	255	1062	40
4	WB6BFG	4	32	0	67	58	165	165	164	108	89	6	246	858	7
5	N6RV	19	32	0	122	13	181	62	160	33	153	7	240	782	46
6	W8DX	2	40	0	103	73	139	93	91	58	80	0	225	679	56
7	N6HY	14	60	0	90	85	123	103	90	83	59	5	215	712	47
8	AC6DX	0	16	0	82	24	29	63	79	60	187	2	215	542	6
9	N6VNI	0	8	0	53	30	122	74	62	58	57	3	211	467	25
10	K6FG	8	20	0	76	43	120	109	93	72	89	15	209	645	58
11	W6DR	25	51	0	129	56	148	35	131	40	88	2	202	705	34
12	K6YUI	4	4	0	17	40	67	89	91	82	65	5	200	464	54
13	AK6ZZ	3	25	0	103	5	97	62	107	13	51	12	195	478	3
14	KR6C	3	15	0	59	28	96	64	75	55	61	0	194	456	35
15	N6PE	8	25	0	61	12	112	49	101	61	119	0	189	548	48
16	K0OK	0	17	0	32	14	28	76	120	88	76	0	188	451	42
17	WB6PSY	0	0	0	0	0	0	0	0	0	184	0	184	184	36
18	ZL3TE	2	20	0	96	73	134	79	101	62	103	0	182	670	10
19	K6DXA	0	0	0	0	0	0	0	0	0	180	2	180	182	0
20	N6GP	3	26	0	49	8	90	40	108	29	96	6	175	455	24
21	FR4NT	0	70	0	86	7	99	70	67	74	83	41	173	597	2
22	KT6LA	0	52	0	49	6	84	30	126	12	98	0	164	457	7
23	K7MY	0	4	0	41	6	47	51	91	31	64	3	157	338	36
24	AI6Z	2	6	0	10	10	14	25	18	16	132	0	148	233	20
25	NK6A	1	2	0	3	2	57	7	90	6	108	0	139	276	33
26	NT6X	0	7	0	113	0	65	0	80	0	72	0	134	337	5
27	N6WIN	7	29	0	75	0	83	5	84	0	47	0	126	330	24
28	KD6HYN	0	0	0	14	0	45	5	37	0	63	0	118	164	20
29	KK6FJQ	0	0	0	0	0	0	0	0	0	109	0	109	109	0
30	N6MXU	1	6	0	27	14	24	31	41	14	25	2	100	185	27
31	KM6HB	2	4	0	16	7	35	14	43	22	64	2	96	209	23
32	YO9FMB	0	0	0	0	5	20	31	21	11	29	0	77	117	23
33	ZM3T	0	0	0	0	0	0	0	64	0	41	0	76	105	3
34	N6RRY	0	5	0	18	1	40	1	12	0	2	0	59	79	25
35	W6VX	0	1	0	4	3	28	32	11	3	0	4	57	86	34
36	N6NH	0	14	0	22	2	14	3	14	1	1	1	46	72	7
37	K6DSW	0	0	0	17	0	22	1	26	0	29	2	45	97	6
38	K6NQY	0	1	0	1	0	12	17	14	4	4	2	38	55	5
39	PJ2/W6DR	10	0	0	0	0	12	0	0	0	31	0	38	53	0
40	W6YOO	2	2	0	7	15	6	9	7	5	6	0	36	59	39
41	K7LA	0	0	0	1	0	6	7	18	9	17	0	32	58	13
42	K6JW	0	0	0	7	1	6	9	8	3	2	0	28	36	54
43	W5DQ	8	0	0	6	0	11	0	10	0	0	0	22	35	35
44	KE6BUH	0	0	0	0	0	3	3	4	1	2	1	11	14	2
45	KC6TOD	0	0	0	0	0	3	2	0	3	2	0	7	10	3
46	W6SR	2	0	0	0	2	0	2	1	1	0	0	7	8	46
47	K6VC	5	0	0	0	0	0	0	0	0	0	0	5	5	16
48	AF6AV	0	0	0	0	0	0	1	0	0	0	2	3	3	5



## Upcoming Important DXpeditions and more

**Amsterdam Island, FT5Z** is the number 6 most wanted DX entity and the upcoming major DXpedition will be QRV between January 24th and February 12th. Most of us are waiting for the start of the **Aves Island YW0A** DXpedition, apparently delayed until April, number 34 on the most wanted list as well as the upcoming **VK9MT** operation from **Mellish Reef**, number 24. **FR/T Tromelin** will be activated by a group headed by F5UFX and is scheduled for October 30 to November 10, number 9 on the most wanted list. EA5 BYP is planning a DXpedition to **3C (Equatorial Guinea)** and **3C0 (Annobon)** soon.

<http://www.clublog.org/mostwanted.php>.

**Blue Information** indicate particularly rare entities and **Red information** indicate SCDXC member attended DXpedition. As always you have to turn on your radio to work them.

### Useful DX Sites

**The Daily DX**  
[www.dailydx.com/](http://www.dailydx.com/)

**Announced DX Ops**  
[www.ng3k.com/misc/adxo.html](http://www.ng3k.com/misc/adxo.html)

**DX Coffee**  
<http://www.dxcffee.com/enq/>

**DXing.info**  
<http://www.dxing.info/dxpeditions/>

**DX 425 News**  
[www.425dxn.org/dxped/](http://www.425dxn.org/dxped/)

**Dx-info.de**  
[www.dx-info.de](http://www.dx-info.de)

**DX Italia DX News**  
[www.marioi2mqp.it](http://www.marioi2mqp.it)

**DH9SB Weekly DX Calendar**  
<http://www.dx-info.de>

**N0HR DXpedition Map**  
[www.n0hr.com/wk34/](http://www.n0hr.com/wk34/)

**The DX Zone**  
[www.dxzone.com/catalog/DX\\_Resources/](http://www.dxzone.com/catalog/DX_Resources/)

Call	QTH	Start Date	End Date	Information	
5H	Tanzania	Jan 28	Feb 28	F6AML will be active from AF-032, AF-054, AF-074 and AF-087	QSL via F6AML
9G5AC	Ghana	Now	Dec	W7JVN and XYL WB7NLY, missionaries	
9L1A	Sierra Leone	Now	Feb 31	9A3A, operating mainly CW	QSL via 9A2AA
9M2RRS	West Malaysia	Now	Feb 23	PA0RRS from AS-015	QSL via PA0RRS
9X0ZM	Rwanda	Now	March	JR1IZM, mainly 20 CW	QSL via JO1CRA
<b>A52JR</b>	<b>Bhutan</b>	<b>Jan 31</b>	<b>Feb 4</b>	<b>PP5JR, PU5FJR, PU5BIA and JH1AJT</b>	<b>QSL via PP5VB, OQRS, LoTW</b>
DP0GVN	Antarctica	Now	Feb	DL1HB	QSL via DL5EBE
D2SG	Angola	Now	Dec 31	MM0SSG	QSA via GM4FDM
FK	New Caledonia	Now	Feb	<b>F5IRO /FK from OC-032</b>	<b>QSL via F5IRO, OQRS, LoTW</b>
II8IDXC	Italy	Now	Apr 30	Special call, all bands and modes	QSL via IZ8EDJ, direct and bureau
V47AJ	St Kitts & Nevis	Jan 21	Feb 21	By N3ME, W3UR fm St Kitts; 160-10m; focus on RTTY, some CW SSB	
JD	<b>Minami Torishima</b>	<b>Now</b>	<b>Mar 18</b>	<b>JG8NQJ is /JD1 during time left from work in the weather station</b>	<b>QSL via JA8CJY</b>
JY9FC	Jordan	Now	2017	E78A, three year assignment with the U.N.	QSL via E78A, OQRS, Bureau
<b>FT5ZM</b>	<b>Amsterdam Isl</b>	<b>Jan 24</b>	<b>Feb 12</b>	<b>By 9V1YC EY8MM FM5CD HK1R K4UEE K9CT LA6VM N4GRN N6HC VE3EJ VE7CT W6IZT WB9Z K0IR VA7DX UA3AB</b>	<b>QSL via N2OO</b> <b><a href="http://www.amsterdamdx.org/">http://www.amsterdamdx.org/</a></b>
XT2AW	Burkina Faso	Jan 26	Feb 28	By DF2WO fm Ouagadougou; CW SSB; holiday style operation	QSL via M0OXO

# ClubLog Annual Standings

Here are the listing of the operators who have over 100 worked for the year and have associated themselves with SCDXC. Note that there are some who are not members and are not recognized for the award on the previous page. This could be rectified if someone took oversight of the list for SCDXC. Anyone Interested?

Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC	Slots	Ham
1	N6QQ	27	30	0	171	127	241	214	234	165	195	7	268	1411	56 yrs
2	NS6C	7	46	0	101	103	219	169	139	182	152	5	267	1123	46 yrs
3	W6ENZ	2	86	0	101	117	166	167	109	165	137	5	255	1055	39 yrs
4	WB6BFG	4	28	0	64	53	161	163	160	96	88	6	244	823	6 yrs
5	N6RV	19	32	0	122	13	181	55	158	30	151	7	239	768	45 yrs
6	W8DX	2	40	0	99	71	134	90	86	52	78	0	215	652	56 yrs
7	AC6DX	0	16	0	82	24	29	63	79	60	186	2	214	541	6 yrs
8	N6VNI	0	8	0	53	29	121	74	61	55	54	3	210	458	24 yrs
9	K6FG	8	20	0	74	42	117	106	93	68	86	15	206	629	57 yrs
10	N6HY	10	48	0	74	73	117	95	80	57	51	5	205	610	47 yrs
11	W6DR	25	51	0	128	55	147	28	131	39	88	2	200	694	33 yrs
12	AK6ZZ	3	25	0	102	5	97	62	107	13	51	12	195	477	3 yrs
13	KR6C	3	15	0	59	28	97	64	75	55	61	0	195	457	35 yrs
14	N6PE	8	25	0	61	12	112	49	101	61	119	0	189	548	48 yrs
15	K0OK	0	17	0	32	13	28	76	118	85	76	0	187	445	41 yrs
16	K6YUI	4	4	0	12	30	64	82	85	67	54	5	187	407	53 yrs
17	WB6PSY	0	0	0	0	0	0	0	0	0	180	0	180	180	36 yrs
18	ZL3TE	2	20	0	96	72	132	77	100	58	103	0	179	660	9 yrs
19	K6DXA	0	0	0	0	0	0	0	0	0	178	2	178	180	0 yrs
20	N6GP	3	26	0	49	8	91	40	108	29	90	6	174	450	24 yrs
21	FR4NT	0	64	0	86	7	89	66	62	71	82	41	162	568	2 yrs
22	K7MY	0	4	0	41	6	47	51	91	31	64	3	157	338	36 yrs
23	NK6A	1	2	0	3	2	57	7	90	6	108	0	139	276	32 yrs
24	KT6LA	0	39	0	34	3	68	25	100	6	83	0	135	358	7 yrs
25	NT6X	0	7	0	113	0	65	0	80	0	72	0	134	337	5 yrs
26	N6WIN	7	29	0	75	0	83	5	84	0	47	0	126	330	24 yrs
27	KD6HYN	0	0	0	14	0	45	5	37	0	63	0	118	164	19 yrs
28	KK6FJQ	0	0	0	0	0	0	0	0	0	108	0	108	108	0 yrs
29	N6MXU	1	6	0	27	14	24	31	41	14	25	2	100	185	27 yrs
30	KM6HB	2	4	0	16	7	35	13	43	22	61	2	93	205	22 yrs



# DX ACCOMPLISHMENTS

*Celebrate the Successes of Our Fellow Members!*

Four have submitted over the past 4 months. I know there are upgrades that are lurking! Send them in!

Welcome to K6DDJ, first time contributor.

<u>Call</u>	<u>DXCC</u>	<u>WAZ</u>
N6AWD	348 / 338	
W6ENZ	347 / 338	315 / 195
WB6PJC	138 / 138	
K6DDJ	124 / 122	

## SCDXC WAZ and DXCC Standings (K6QU)

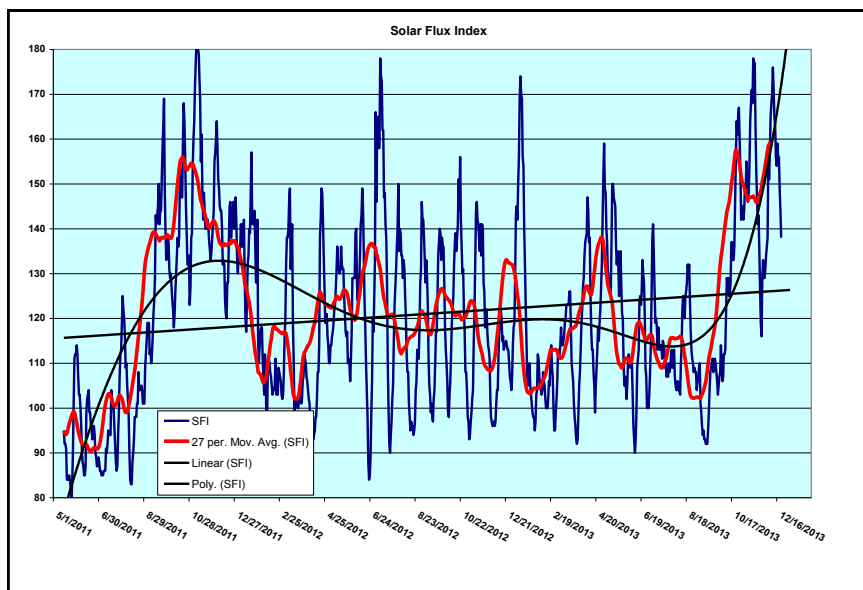
The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

<b>M</b>	<b>Mixed</b>
<b>P</b>	<b>Phone</b>
<b>C</b>	<b>CW</b>
<b>R</b>	<b>RTTY</b>
<b>5</b>	<b>5 Band</b>

The first DXCC column is the confirmed entity count with deleted countries. The second column is the confirmed current entity count. Those in **tan** are at the top of the current honor roll.

If you have any information to post please go to the on-line webform and update your standing:

<http://www.scdxc.org/dx-update.html>



## WAZ STANDINGS

	<u>10B / 5B</u>	<u>Awards</u>
K6ND	378 / 200	M/5
W6SR	369 / 200	M/P/C//5
K6FG	363 / 197	M/P/C/R/5
EU7A	360 / 200	M/5
WA5VGI	357 / 200	M/P/C/5
W8DX	357 / 200	M/5
N6AW	355 / 200	M/P/C/5
K6YUI	349 / 192	M/P/C/R/5
K6YRA	290 / 200	P/5
W6BCQ	277 / 200	M/P/5
WD6L	248 / 200	M/P/5
N6OU	220 / 200	M/5
K6UNR	/ 200	M/P/5
W6VX	352 / 199	
NS6C	198 / 198	
K6G XO	358 / 198	M
SM5GMZ	345 / 196	M/P/C
W6ENZ	315 / 195	
AI6Z	315 / 193	
N6MXU	155 / 193	
K2PLF	191 / 191	
N6RV	308 / 188	M/P/C
KC6X	294 / 187	M/P/C/5
N6QQ	325 / 186	M/P/C/R
K6LD	314 / 186	M/P/C
W6YOO	308 / 185	M/P/C/5
KH6DX/m	210 / 184	
K0OK	286 / 173	
K6SY	246 / 173	P
W6ZPL	237 / 173	M/P
KJ6Y	261 / 172	
KR6C	295 / 171	M/C
AD6KQ	226 / 164	
N6DHZ	214 / 160	P
K6KII	191 / 177	M
KH6MB	181 / 174	
SM5GMZ	265 / 166	M/5
W6DR	227 / 159	
NK6A	152 / 152	M/5
W6NRQ	180 / 147	M/P
WA6BOB	152 / 136	M
W6IRD	151 / 111	M/P
W5DQ	161 / 122	
K6IRD	154 / 126	M/P
WB6PSY	139 / 140	P
KT6LA	132 / 103	
N6HE	130 / 138	
W3SE	102 / 112	
K6IRA	118 / 102	
K6VC	96 / 96	P
W6EA	92 / 86	
N6UC	78 / 78	M
KA6TTV	82 / 67	
N6VNI	86 / 64	
N6RRY	85 / 65	
N6GIL	49 / 43	
W6DCK	40 / 40	P
K6JW	40 / 40	M/P
K6YR	39 / 39	
W6DOE	37 / 37	
NZ6L	36 / 36	
W4EF	29 /	
N6AWD		M
N6HC		M/P/C
KB6KTV		P
W6OES		M
K8RD		C

## DXCC STANDINGS

K6KII	387 / 340
JA1BK	377 / 338
K6YRA	376 / 340
K6EXO	370 / 338
N6UC	367 / 340
W6BCQ	365 / 340
K6YUI	365 / 340
K6IPV	362 / 340
NS6C	360 / 340
W6HT	358 / 338
W6SR	358 / 340
WA6WZO	357 / 340
K8RD	356 / 340
K5KT	355 / 340
N6AW	355 / 337
K6FG	355 / 340
K6G XO	355 / 340
N6RV	355 / 339
K2PLF	354 / 340
WBDX	353 / 340
W6IRD	352 / 336
W6OES	351 / 334
W6AUG	350 / 340
N6QQ	350 / 334
W6YOO	349 / 340
KC6X	349 / 340
W6KK	348 / 340
W6VX	348 / 340
WA5VGI	348 / 340
N6AWD	348 / 338
WB6PSY	348 / 337
K6ND	347 / 340
EU7A	347 / 339
W6OM	347 / 337
W6ENZ	347 / 338
AI6Z	347 / 335
N6HC	345 / 337
K6LD	344 / 338
W6DCK	342 / 336
KR6C	341 / 339
K6UNR	341 / 337
KB6KTV	340 / 335
N6MG	339 / 331
N6OU	338 / 330
SM5GMZ	337 / 329
N6HY	333 / 329
K2IXQ	333 / 329
AD6KQ	328 / 328
KM6HB	332 / 327
KJ6Y	327 / 323
W6FL	318 / 305
W6ZPL	317 / 317
K6SY	312 / 310
K0OK	310 / 308
K6JW	309 / 304
W6HB	303 / 295
N6MXU	301 / 297
N6GP	299 / 294
WD6L	295 / 295
NK6A	295 / 270
N6DHZ	288 / 284
K6IRA	286 / 286
W6NRQ	285 / 281
W6DR	282 / 278
WA6WXD	275 / 272
K6DJ	274 / 272
K7MY	272 / 270
N7CQQ	268 / 266
K6VC	267 / 264
K6IRD	260 / 250
N6WIN	258 / 253
KT6LA	256 / 254
K6YR	244 / 244
W3SE	240 / 237
K6HCJ	235 / 235
W5DQ	225 / 220
N6VNI	223 / 223
KN6VF	223 / 223
ZL3TE	222 / 220
W6DOE	212 / 210
W6WVW	206 / 204
K6LX	204 / 204
WA6BOB	202 / 198
N6HE	192 / 185
N6RI	189 / 180
W6EA	152 / 152
KA6TTV	149 / 149
WB6PJC	144 / 144
K6OGO	142 / 142
W4EF	132 / 132
K7LA	129 / 129
WA6NOL	127 / 130
N6CA	131 / 131*
K6DDJ	124 / 122
N6RRY	74 / 74
NZ6L	27 / 27

# Birthdays!

**All the best and may you enjoy many more sun-spot cycles!**

Jerry Soloman, W6CCC

Audrey Teterukov, EU7SA,

Linda Souder, KD6HYN

John Oppen, KJ6HZ

Lloyd Hendrickson, K6NQY

Joseph Pace, N6ZL

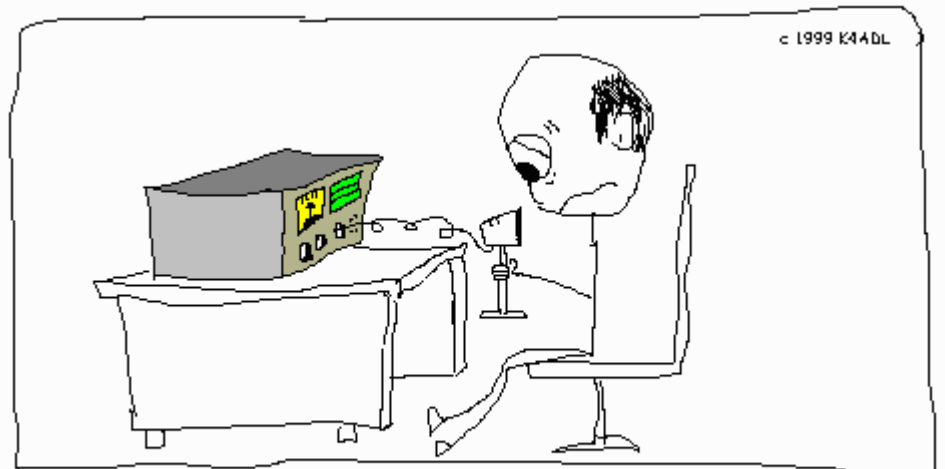
Rick Crosmer, W6ENZ

Cathy Gardenias, K6VC

George Jacob, N6VNI

Joe Cadwallader, K6ZMW

Bob Pacquette, W6ZPL



DESTINED TO LIVE OUT HIS LIFE AS A POORLY-DRAWN STICK FIGURE,  
CHARLES FOUND SOLICE IN CHATting WITH PEOPLE WHO WOULD NEVER SEE HIM.



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**Pre-Registration is requested and preferred.**

**Walk-ins are welcome.**



# Meet the 2014 SCDXC



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Wayne Spring  
W6IRD**



**Vice President  
George Jacob  
N6VNI**



**Secretary  
Kris Jacob  
KC6TOD**



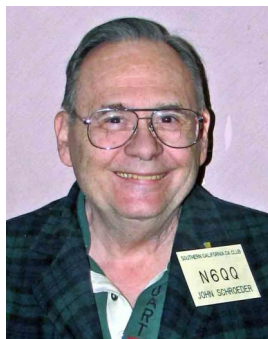
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